

ENHANCEMENT OF SOFT HANDOFF IN A MOBILE WIRELESS NETWORK
THROUGH THE USE OF DYNAMIC INFORMATION FEEDBACK FROM
MOBILE USERS

LAI K. TEE
09752-115001/00098

SHEET 1 OF 9

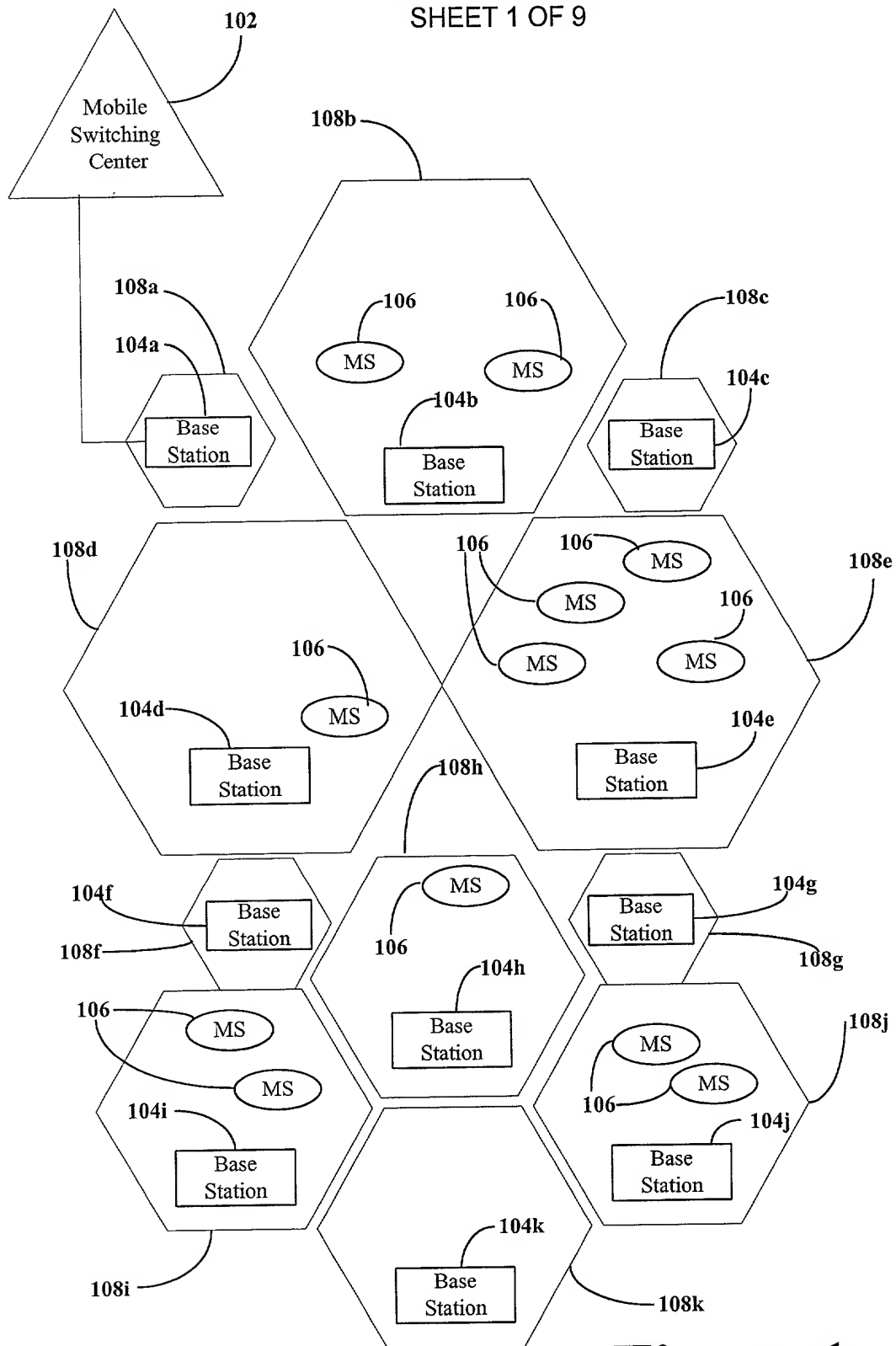


Figure 1

ENHANCEMENT OF SOFT HANDOFF IN A MOBILE WIRELESS NETWORK
THROUGH THE USE OF DYNAMIC INFORMATION FEEDBACK FROM

MOBILE USERS

LAI K. TEE

09752-115001/00098

SHEET 2 OF 9

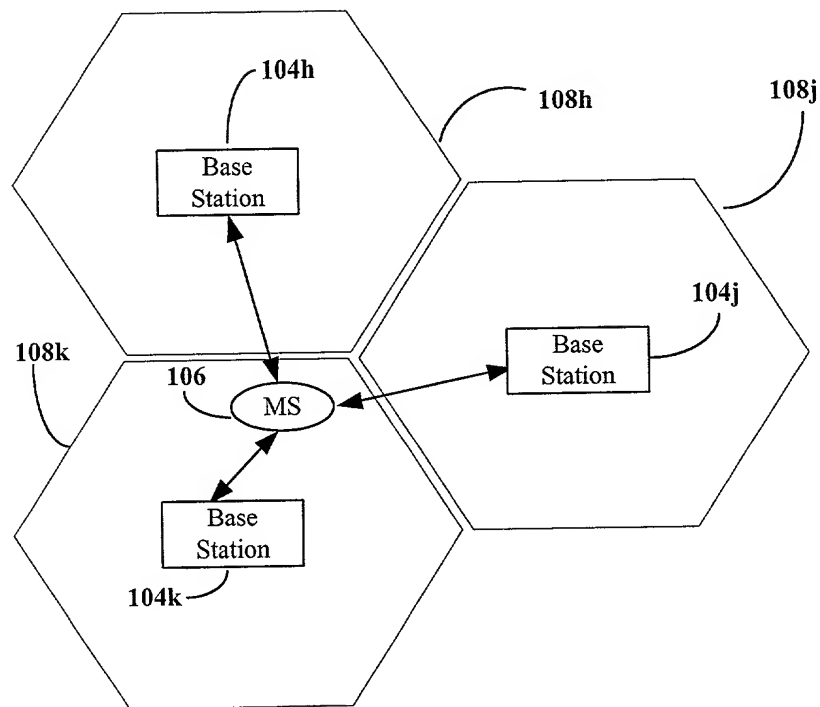


Figure 2

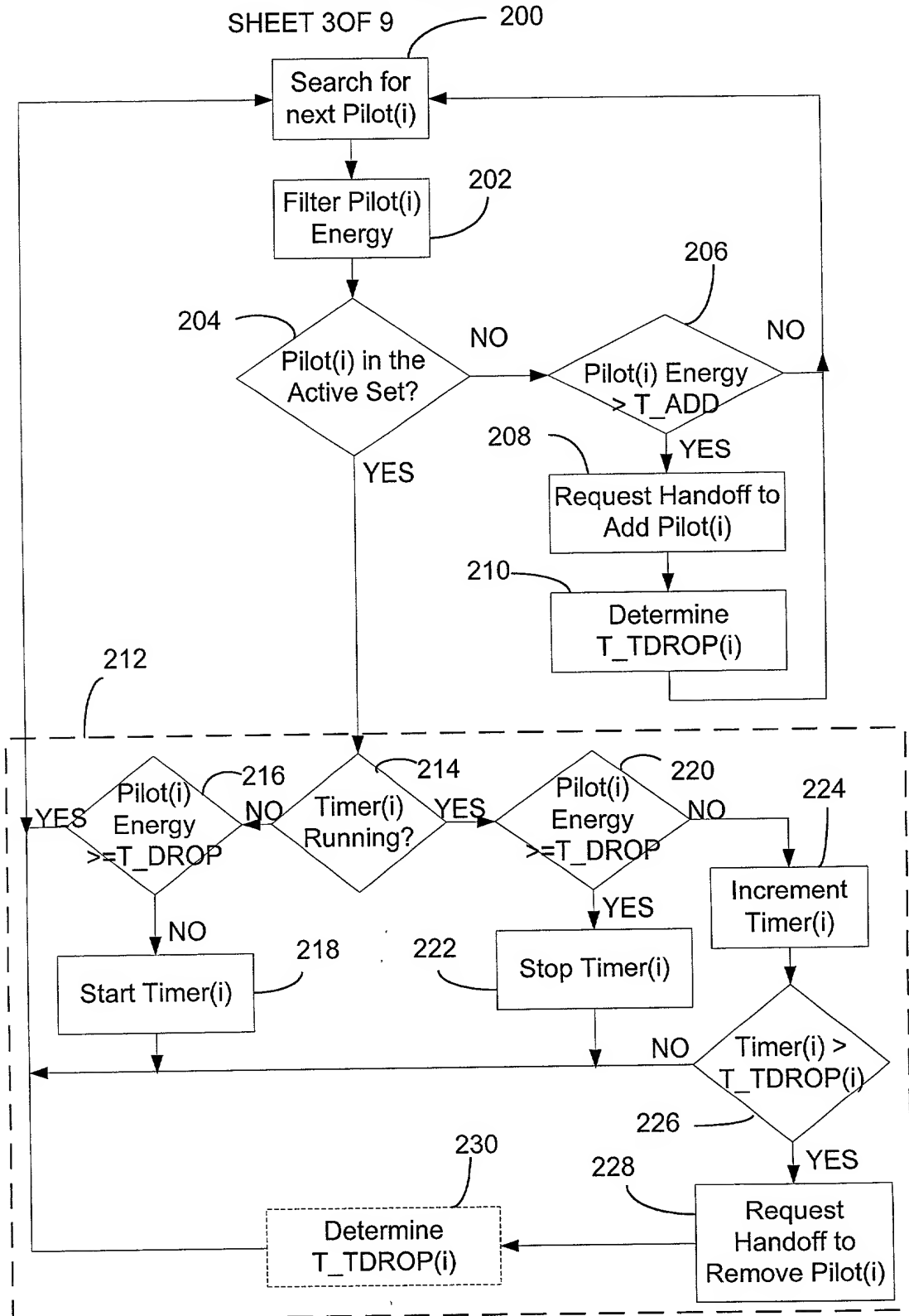


FIG. 3

ENHANCEMENT OF SOFT HANDOFF IN A MOBILE WIRELESS NETWORK
THROUGH THE USE OF DYNAMIC INFORMATION FEEDBACK FROM
MOBILE USERS

LAI K. TEE
09752-115001/00098
SHEET 4 OF 9

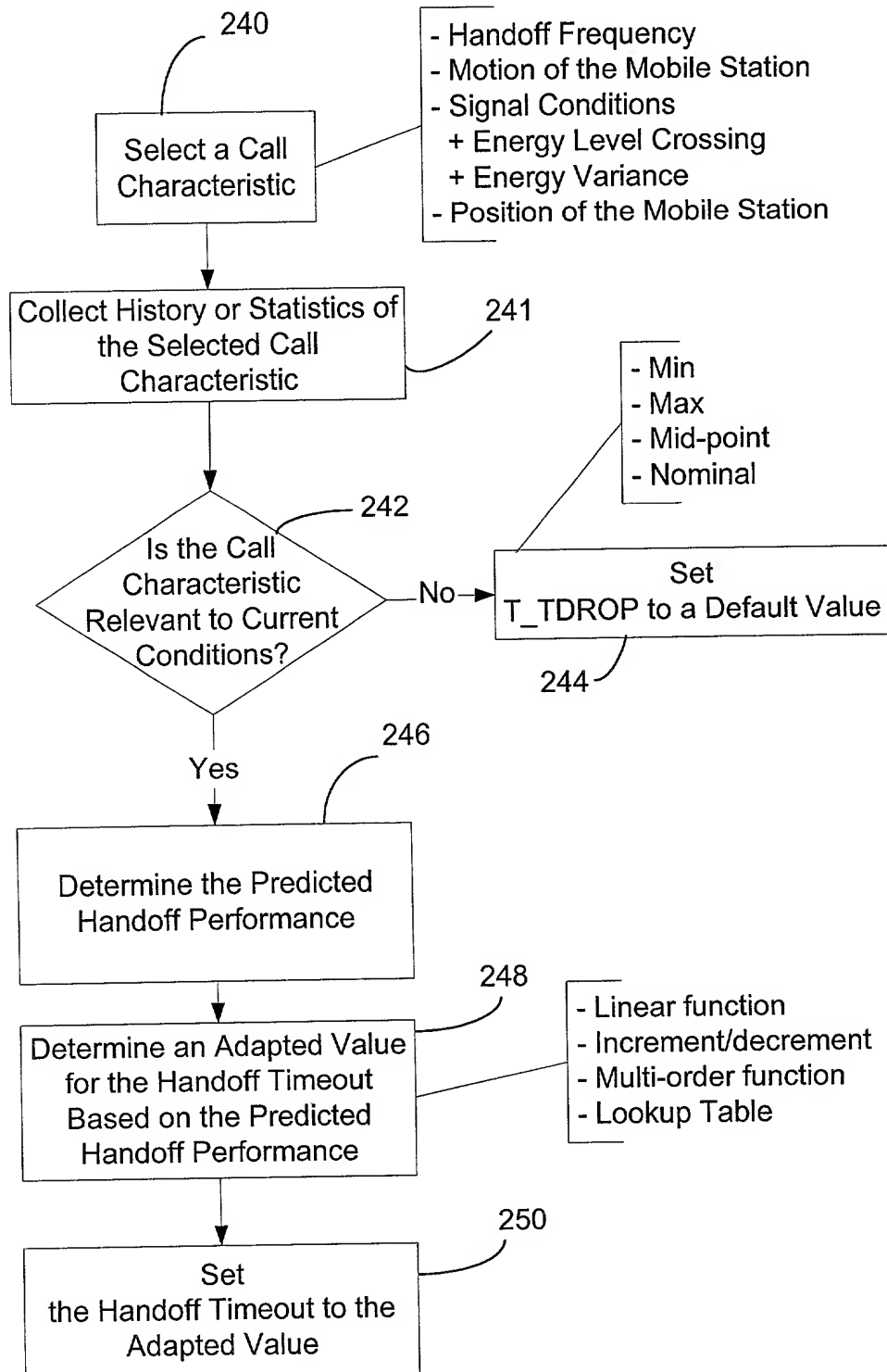


FIG. 4

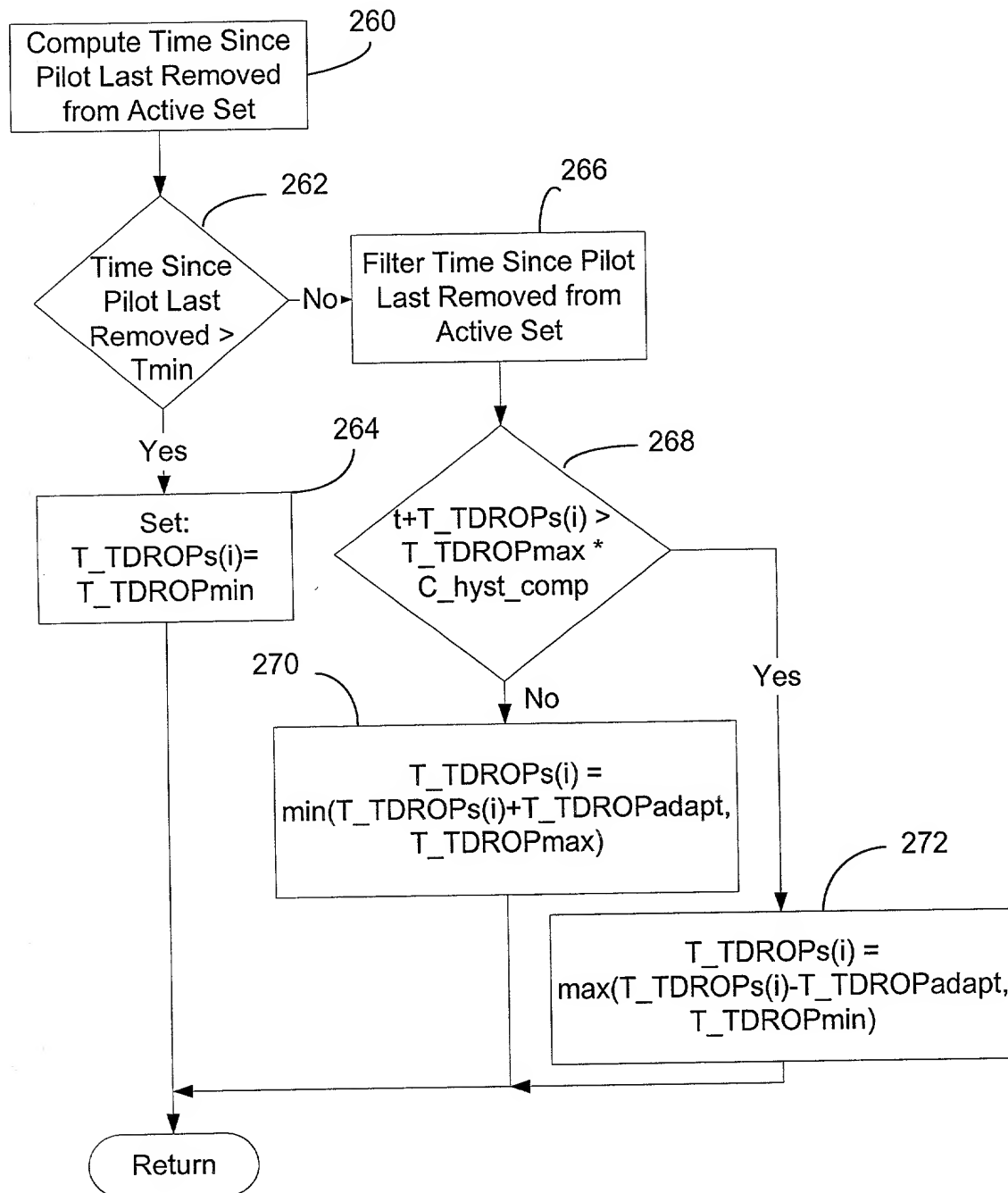


FIG. 5

ENHANCEMENT OF SOFT HANDOFF IN A MOBILE WIRELESS NETWORK
 THROUGH THE USE OF DYNAMIC INFORMATION FEEDBACK FROM
 MOBILE USERS
 LAI K. TEE
 09752-115001/00098
 SHEET 6 OF 9

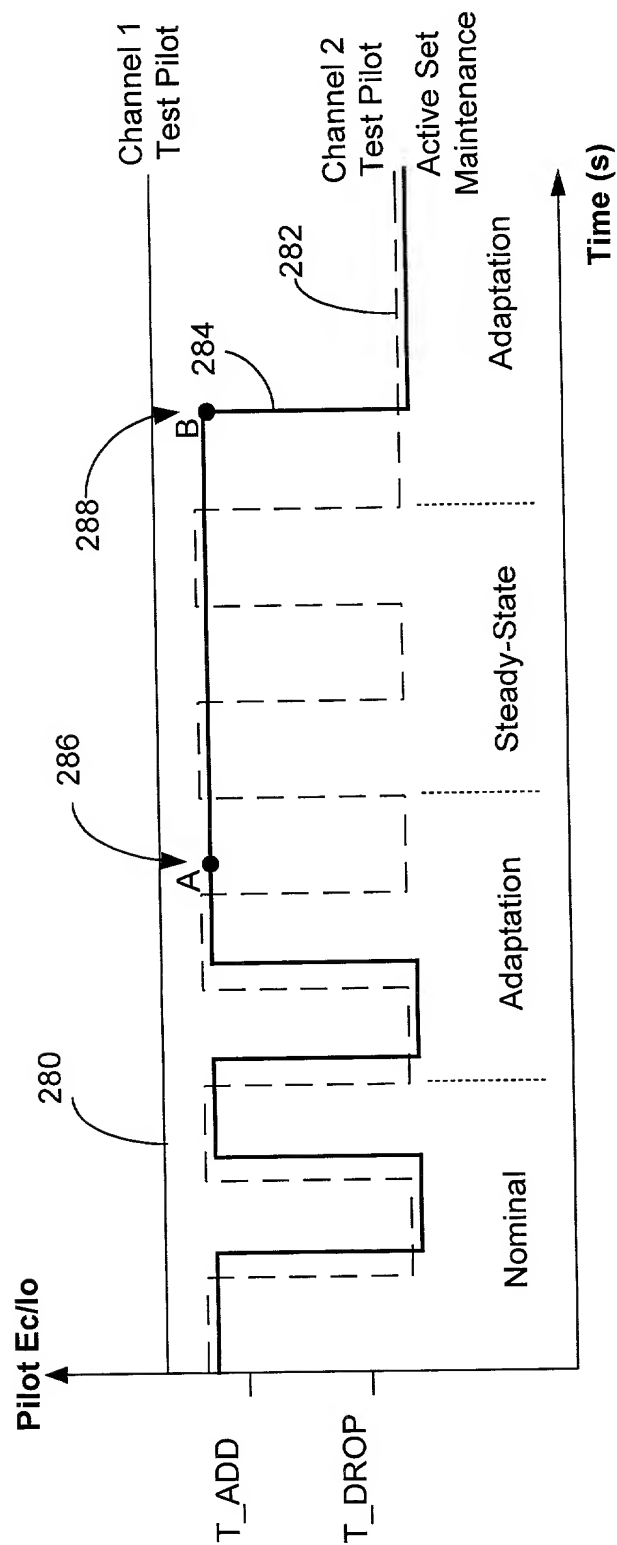


FIG. 6

ENHANCEMENT OF SOFT HANDOFF IN A MOBILE WIRELESS NETWORK
THROUGH THE USE OF DYNAMIC INFORMATION FEEDBACK FROM
MOBILE USERS
LAI K. TEE
09752-115001/00098
SHEET 7 OF 9

SHO REGION	MOBILITY		
	LOW	MEDIUM	HIGH
1			
2			
3			
4			
5			
6			

T_TDROP
- NOMINAL
- RANGE

FIG. 7

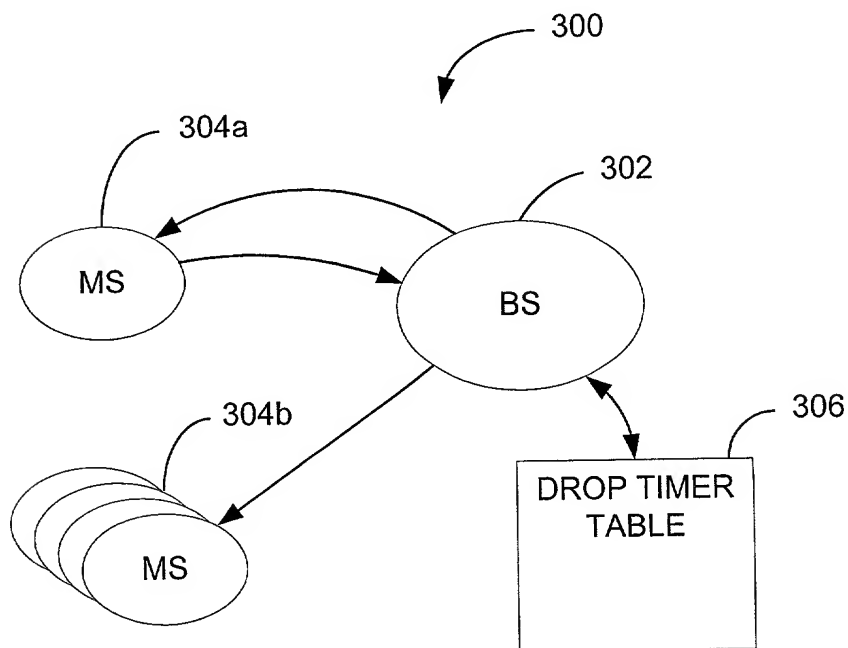


FIG. 11

ENHANCEMENT OF SOFT HANDOFF IN A MOBILE WIRELESS NETWORK
 THROUGH THE USE OF DYNAMIC INFORMATION FEEDBACK FROM
 MOBILE USERS
 LAI K. TEE
 09752-115001/00098
 SHEET 8 OF 9

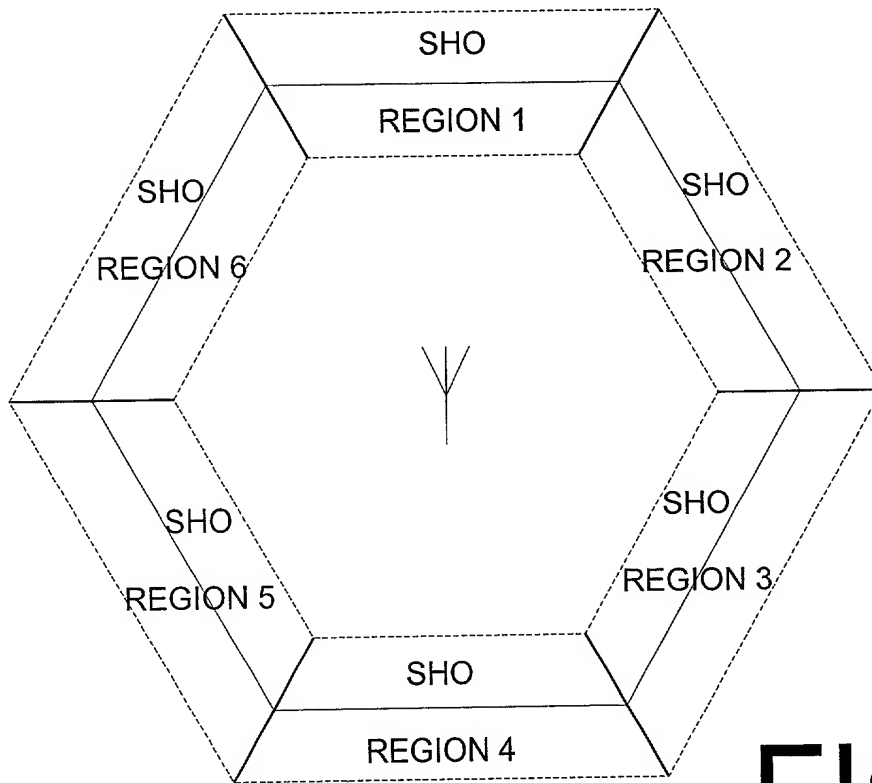


FIG. 8

T_TDROP INDEX	T_TDROP TIMER EXPIRATION (SECS)	T_TDROP INDEX	T_TDROP TIMER EXPIRATION (SECS)
0	0.1	8	27
1	1	9	39
2	2	10	55
3	4	11	79
4	6	12	112
5	8	13	159
6	9	14	225
7	13	15	319

FIG. 9

ENHANCEMENT OF SOFT HANDOFF IN A MOBILE WIRELESS NETWORK THROUGH THE USE OF DYNAMIC INFORMATION FEEDBACK FROM

MOBILE USERS

LAI K. TEE

09752-115001/00098

SHEET 9 OF 9

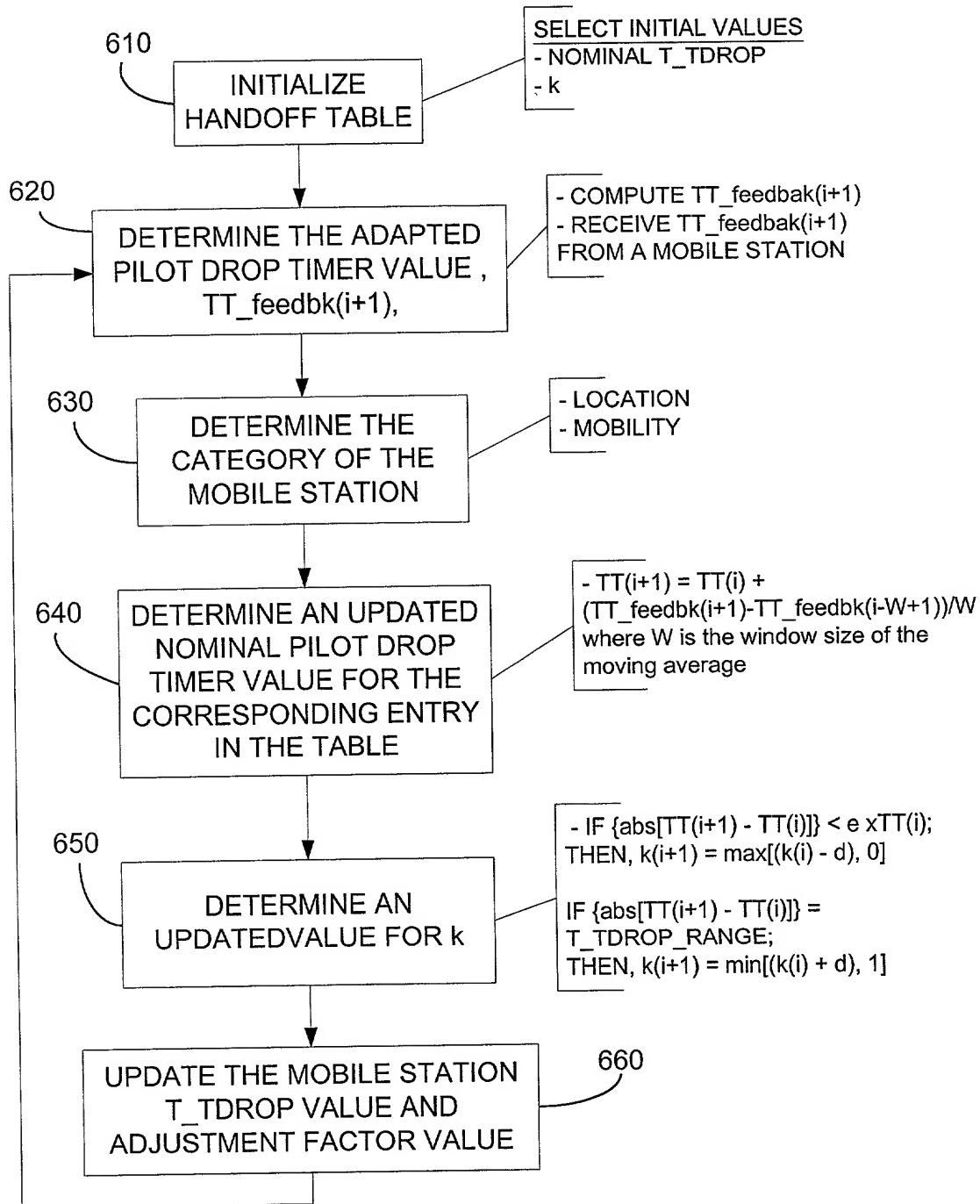


FIG. 10